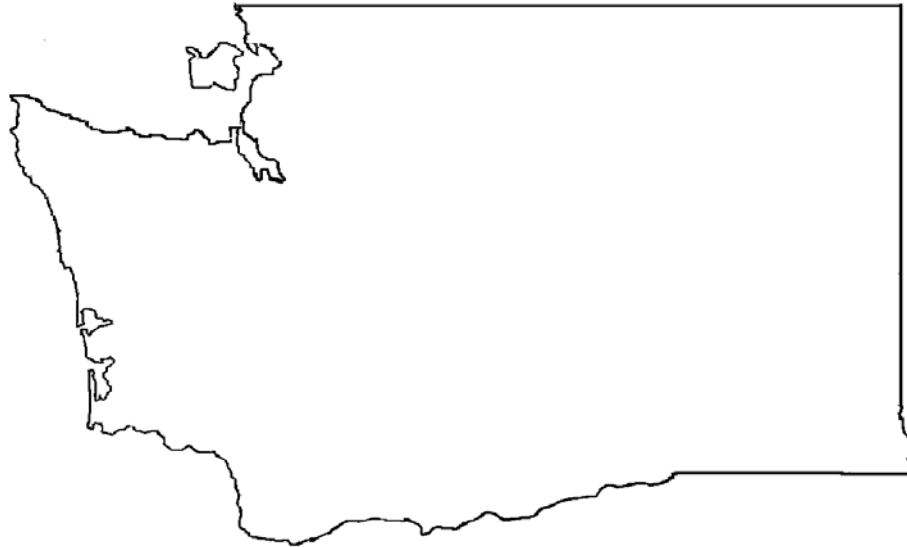


PUBLIC ACCESS DEFIBRILLATION



TRAINING COURSE GUIDE And APPLICATION PACKET

Revised September 2005



Office of Emergency Medical Services and Trauma System

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I. General Information

A. Purpose

The Washington State, Department of Health (DOH) has developed the “Public Access Defibrillation Training Course Guide and Application Packet” to assist training organizations in obtaining public access defibrillation course approval. This course application guide contains information on:

1. The process for public access defibrillation course approval.
2. Required core educational objectives.
3. Instructor prerequisites.
4. Core performance evaluation criteria.
5. Instructor materials and equipment
6. Required Washington public access defibrillation law/standards.

B. History

In March, 1998 the Washington State Legislature passed SHB 2998, an act relating to limited immunity for use of semiautomatic external defibrillators. This act required a person or entity who obtains a defibrillator to receive reasonable instruction in defibrillator use and CPR by a course approved by the DOH. The Washington State Department of Health, Office of Emergency Medical Services and Trauma System (EM&TP) was given the authority to review and approve public access defibrillator courses.

C. Laws Relating to Public Access Defibrillation

RCW 70.54.310 Semiautomatic external defibrillator -- Duty of acquirer -- Immunity from civil liability.

- (1) As used in this section, "defibrillator" means a semiautomatic external defibrillator as prescribed by a physician licensed under chapter 18.71 RCW or an osteopath licensed under chapter 18.57 RCW.
- (2) A person or entity who acquires a defibrillator shall ensure that:
 - (a) Expected defibrillator users receive reasonable instruction in defibrillator use and cardiopulmonary resuscitation by a course approved by the department of health;
 - (b) The defibrillator is maintained and tested by the acquirer according to the manufacturer's operational guidelines;
 - (c) Upon acquiring a defibrillator, medical direction is enlisted by the acquirer from a licensed physician in the use of the defibrillator and cardiopulmonary resuscitation;
 - (d) The person or entity who acquires a defibrillator shall notify the local emergency medical services organization about the existence and the location of the defibrillator; and
 - (e) The defibrillator user shall call 911 or its local equivalent as soon as possible after the emergency use of the defibrillator and shall assure that appropriate follow-up data is made available as requested by emergency medical service or other health care providers.
- (3) A person who uses a defibrillator at the scene of an emergency and all other persons and entities providing services under this section are immune from civil liability for any personal injury that results from any act or omission in the use of the defibrillator in an emergency setting.
- (4) The immunity from civil liability does not apply if the acts or omissions amount to gross negligence or willful or wanton misconduct.
- (5) The requirements of subsection (2) of this section shall not apply to any individual using a defibrillator in an emergency setting if that individual is acting as a Good Samaritan under RCW 4.24.300. [1998]

D. Background

In 1998, the laws of the State of Washington (RCW 70.54) were amended to permit the use of semiautomatic external defibrillators (AED) by lay providers. The law establishes minimum Public Access Defibrillation (P.A.D.) program standards. By meeting these standards, persons and entities delivering patient care with AEDs are provided limited immunity from civil liability. (See copy of law attached.)

The purpose of this training program is to provide the acquirers and users of AEDs with the knowledge, skills and understanding of the legally imposed immunity requirements so that they may receive the most complete protection from civil liability available by law. As a result, AED users should feel confident and free from undue concern if called upon to deliver this potentially life saving treatment.

1. P.A.D. program standards:

- a) The defibrillator defined in this law means a “semiautomatic external defibrillator” (AED). No other devices are included by this definition.
- b) In the context of this law, an “acquirer” of an AED means a person or entity. A person acquiring an AED will most often be a high-risk cardiac patient or their family member. Entities may include businesses, public facilities, residential housing units, government agencies, or public transportation services. (These are examples only and are not intended to be an exclusive listing.)

“Acquirers” are also persons and entities who do not provide health care services licensed or certified by the State of Washington. The use of defibrillators by health care providers is covered by other laws and requirements.
- c) AEDs must be prescribed by a physician or osteopath licensed by the State of Washington.

AEDs are computerized medical devices that deliver electrical shock therapy to heart attack victims. Medical therapy devices such as the AED must be prescribed for use by persons who are not health care providers. An acquirer of an AED must present this prescription to the manufacturer prior to the completion of the sale.
- d) Persons using an AED must receive instruction in CPR and the use of the defibrillator following a curriculum approved by the State Department of Health.

The curriculum for this training course has been reviewed by the State Department of Health and has been determined to meet established learning objectives. Meeting these objectives will provide course participants with the knowledge and skills required to perform CPR and operate an AED. Additional requirements have been established for course instructors, training supplies and equipment.
- e) The acquirer must maintain and test the AED in accordance with the manufacturer’s guidelines.

Manufacturers have developed written maintenance and testing guidelines to assure the optimal performance of the AED. An explanation of these guidelines specific to the AED device purchased by the acquirer is included in the training course. The acquirer may also establish policies or procedures to assure that maintenance and testing is completed according to manufacturer’s guidelines.
- f) The acquirer must enlist medical direction from a physician knowledgeable in CPR and the use of AEDs.

As a medical therapy device, the acquirer of an AED must enlist a physician to establish medical direction for its use. The medical director will provide specific protocols for the use of the AED. These protocols may also provide guidance for response to other cardiac emergencies. Instruction on the medical director’s protocols must be included in the training course.

In addition, the medical director can assist the acquirer in identifying training resources, monitoring AED user readiness, and performing post-defibrillation patient follow up.

- g) The acquirer must notify the local EMS provider of the existence of the AED and its location.

In the event of a cardiac arrest, this notification will alert responding EMS providers of the potential use of an AED. This knowledge will assist the EMS provider in assuring the continuity of patient care between the lay provider, EMS and hospital staff.

EMS providers may also be of assistance in determining the placement of an AED in order to assure rapid access by potential users.

- h) The person using an AED must call 911 or its local equivalent as soon as possible after its use. Event data stored in the AED must also be made available if requested by local EMS providers.

Victims of cardiac arrest who respond to defibrillation require additional assessment and treatment by EMS and hospital care providers. The reporting of the use of an AED to 911 or other emergency numbers is essential in assuring the timely response of EMS providers. Once summoned, EMS will assume the responsibility for additional treatment of the victim and transportation to a hospital.

AEDs are equipped with devices to record the analysis and treatment directed by the defibrillator. This data, when reviewed by physicians and researchers, will assist in tracking the use of defibrillators in the community and determining any future improvements in the treatment of cardiac arrests by P.A.D. providers. The data collected is also part of the patient's medical record and will be provided to their physician. Any patient information will remain confidential.

Not all EMS agencies will be collecting data for this purpose. Collection of data should be discussed with the local EMS provider agency at the time of the acquirer's notification to the agency (See 7).

2. Limited immunity from civil liability

The use of a medical therapy device by individuals who are not licensed or certified health care providers has resulted in concerns about legal liability. These concerns are addressed by the ECW 70.54.310 relating to Public Access Defibrillation. The law provides that if standards established in law are met, the acquiring entity, individual using the AED and the medical director receive limited immunity from civil liability. This immunity is similar to that provided by the "Good Samaritan" law of the State of Washington. "Good Samaritan" laws are intended to protect individuals who try to help people at the time of an emergency. "Good Samaritan" immunity does not cover acts of gross negligence or willful or wanton misconduct.

The intent of the Washington State P.A.D. law is to establish standards for acquisition, training, maintenance, physician medical direction, and coordination with local emergency medical services that will assure that a person using an AED is ready, willing and able to operate a defibrillator in a safe and effective manner. This will maximize protection from any potential civil liability arising from the use of an AED.

II. Course Approval Process

A. Application for Public Access Defibrillation Course Approval

This application has been developed for use by those training organizations interested in seeking Public Access Defibrillation (P.A.D.) course approval. The application is available as a hard copy or may be downloaded from our website at the following address:

<http://www.doh.wa.gov/hsqa/emstrauma/download/padguide.pdf>.

B. Requesting the P.A.D Application Packet Or Other Information

All communication concerning interpretation of the content, clarification of the process, or requests for additional material should be directed to the Education, Training & Regional Support Section, P.O. Box 47853, Olympia, WA 98504-7853.

Phone: (360) 236-2840

Toll Free: (800) 458-5281, Ext. 2 (in-state only)

III. Evaluation Process

- A. All applications will be evaluated by DOH staff for completeness, compliance with Washington standards and core educational objectives.
- B. DOH will provide a written response to an applicant regarding approval or disapproval of a request for P.A.D. course. DOH's response will be approximately two weeks from receipt of the course approval request.

IV. Instructions For Completing The P.A.D. Application

- A. The application is divided into five parts, outlining the required core knowledge and psychomotor objectives, and standards for the training course:

- 1. Learning Objectives
- 2. Performance Evaluation Criteria
- 3. Instructor Prerequisites
- 4. Instructional Materials and Equipment
- 5. Washington State Law /Standards.

- B. All parts of the application must be completed and submitted in their entirety.

- C. The subsection of each document consist of:

1. Applicant Response

- a) The objectives listed are recognized as minimum course requirements. It is acknowledged that some courses will exceed these minimum requirements.
- b) If the applicant meets the objectives, place a mark to indicate "Meets objective(s) without exception."
- c) If the applicant does not meet all of the standards, place a mark to indicate, "Does not meet objective(s)".
 - (1) If an applicant does not meet the standard, there is space in which to describe what the training organization is doing to meet the standard as well as the expected date of completion.

2. Documentation to Submit with Application

- a) This section lists the documentation that must be submitted to DOH with the training organization's application. This documentation is required to demonstrate the training organization's compliance with the standards.

3. Evaluator Comments

- a) This section will be completed by DOH evaluator.

D. Mail Completed Application To:

Education, Training & Regional Support
Office of Emergency Medical Services and Trauma System
P.O. Box 47853
Olympia, WA 98504-7853



Office of Emergency Medical
Services and Trauma System

Application for Training Program Approval For Public Access Defibrillation

This application is to be used to request approval for Public Access Defibrillation training. This application must be reviewed and approved in advance of proposed training by the Washington State Office of Emergency Medical Services and Trauma System's Education, Training and Regional Support Section.

Title of Proposed Training Program

Name of Applicant

Organization

Mailing Address

Street Address

City

State

Zip Code

Daytime Phone

Area Code and Number

I, _____, certify that:
Name

I am authorized to represent the applicant, _____ for purposes of this application to the Department of Health for approval of its AED training program.

I understand that the law prohibits the unauthorized copying of copyrighted materials, and the creation of derivative works, and the unauthorized use of trademarks or service marks.

This proposed AED training program does not involve the copying of copyrighted materials, or the creation of derivative works, or use of trademarks or service marks that are not owned by the applicant, except those for which permission has been obtained from the owner for such uses.

Signature

Date

Mail Completed Application and Documentation to:

Education, Training & Regional Support
Office of Emergency Medical Services and Trauma System
P.O. Box 47853
Olympia, WA 98504-7853

FOR DEPARTMENT USE ONLY

This application has been

☐

Approved

☐

Disapproved

Date _____

Comments _____

1. LEARNING OBJECTIVES - General Background/Introduction: Knowledge Objectives:

Does the curriculum:

- A. Describe the importance of calling 9-1-1, retrieving the AED, starting CPR, performing CPR and defibrillation?
- B. Define sudden cardiac death and why the use of early defibrillation can improve a patient's chance of survival?
- C. Describe the importance of rescuer scene safety?
- D. Describe how to practice body substance isolation?
- E. Explain what defibrillation is and how it works?
- F. Describe how to recognize a heart attack?
- G. Discuss when defibrillation is appropriate and when it is not?
- H. Describe how to recognize a cardiac arrest?
- I. Include protocols for rescuer contact of local EMS agency?

Applicant Response

____ **Meets objective(s) without exception**

____ **Does not meet objective(s)**

In space to the right, describe what your organization is doing to meet the objective(s) and the expected date of completion.

Documentation to be Submitted with Application

1. Copy of lesson plan language.

2. Identify page number(s) where objective(s) can be found:

Objective A found on page(s) _____

Objective B found on page(s) _____

Objective C found on page(s) _____

Objective D found on page(s) _____

Objective E found on page(s) _____

Objective F found on page(s) _____

Objective G found on page(s) _____

Objective H found on page(s) _____

Objective I found on page(s) _____

DOH Evaluator Comments

Date:

3. LEARNING OBJECTIVES - Operation of AED: Knowledge Objectives:

Does the curriculum:

A. Define an AED?

B. Identify the main components of an AED?

C. Identify the main steps involved in the operation of an AED?

D. List the precautions for use of an AED?

E. Identify precautions for use of the AED?

F. Identify considerations for use of the AED? (e.g., AEDs on children, medication patches, hypothermia, pacemakers, implantable defibrillators, and trauma)

G. Does the training course include Medical Director's AED protocols?

H. Identify the need for regular maintenance and preventative maintenance of the AED?

Applicant Response

_____ Meets objective(s) without exception

_____ Does not meet objective(s)

In space to the right, describe what your organization is doing to meet the objective(s) and the expected date of completion.

Documentation to be Submitted with Application

1. Copy of lesson plan language.

2. Identify page number(s) where objective(s) can be found:

Objective A found on page(s) _____

Objective B found on page(s) _____

Objective C found on page(s) _____

Objective D found on page(s) _____

Objective E found on page(s) _____

Objective F found on page(s) _____

Objective G found on page(s) _____

Objective H found on page(s) _____

DOH Evaluator Comments

Date:

4. LEARNING OBJECTIVES - *Operation of AED*: Psychomotor Objectives:

Does the curriculum:

A. Ask the student to demonstrate how to successfully operate an AED?

B. Ask the student to demonstrate how to properly use the AED during a cardiac arrest scenario?

Applicant Response

____ Meets objective(s) without exception

____ Does not meet objective(s)

In space to the right, describe what your organization is doing to meet the objective(s) and the expected date of completion.

Documentation to be Submitted with Application

1. Copy of lesson plan language.

2. Identify page number(s) where objective(s) can be found:

Objective A found on page(s)_____

Objective B found on page(s)_____

DOH Evaluator Comments

Date:

5. PERFORMANCE EVALUATION CRITERIA

Does the training course include:

A. A written knowledge and practical skills assessment?

B. Suggested refresher training for defibrillator users?

Applicant Response

____ Meets objective(s) without exception

____ Does not meet objective(s)

In space to the right, describe what your organization is doing to meet the objective(s) and the expected date of completion.

Documentation to be Submitted with Application

1. Copy of lesson plan language.

2. Identify page number(s) where objective(s) can be found:

Objective A found on page(s) _____

Objective B found on page(s) _____

DOH Evaluator Comments

Date:

6. INSTRUCTOR PREREQUISITES

A. Does the training program identify AED instructor prerequisites (i.e., CPR Instructor with AED Instructor endorsement)?

Applicant Response

____ Meets objective(s) without exception

____ Does not meet objective(s)

In space to the right, describe what your organization is doing to meet the objective(s) and the expected date of completion.

Documentation to be Submitted with Application

1. Identify page number(s) where AED Instructor prerequisites can be found:

DOH Evaluator Comments

Date:

7. INSTRUCTIONAL MATERIALS AND EQUIPMENT

<p>A. Does the training program address the need for adult CPR mannequins? (i.e., one mannequin per three student recommendation)</p>

B. Does the program address the need for AED training devices?
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[illegible]

Applicant Response	
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_____ **Meets objective(s) without exception**

_____ **Does not meet objective(s)**

In space to the right, describe what your organization is doing to meet the objective(s) and the expected date of completion.

_____ Does not meet objective(s)

In space to the right, describe what your organization is doing to meet the objective(s) and the expected date of completion.

[illegible]

1. Identify page number(s) where training equipment can be found:

DOH Evaluator Comments	
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Date:	
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8. WASHINGTON STATE LAW / STANDARDS

NOTE: *Those who have educational programs that do not specifically address Washington's standards should prepare an addendum.*

- A. Does the training curriculum identify and discuss the standard which says "a person or entity who acquires a defibrillator shall ensure that the defibrillator is maintained and tested by the acquirer according to the manufacturer's operational guidelines?"
- B. Does the training curriculum identify and discuss the standard which says "a person or entity who acquires a defibrillator shall ensure that upon acquiring a defibrillator, medical direction is enlisted by the acquirer from a licensed physician in the use of the defibrillator and cardiopulmonary resuscitation?"
- C. Does the training curriculum identify and discuss the standard which says "a person or entity who acquires a defibrillator shall notify the local emergency medical services organization about the existence and the location of the defibrillator?"
- D. Does the training curriculum identify and discuss the standard which says "a person or entity who acquires a defibrillator shall call 9-1-1 or its local equivalent as soon as possible after the emergency use of the defibrillator?"
- E. Does the training curriculum identify and discuss the standard which says "a person or entity who acquires a defibrillator at the scene of an emergency and all other persons and entities providing services under this section are immune from civil liability for any personal injury that results from any act or omission in the use of the defibrillator in an emergency setting?"
- F. Does the training curriculum identify and discuss the standard which says "the immunity from civil liability does not apply if the acts or omissions amount to gross negligence or willful or wanton misconduct?"

Applicant Response

____ Meets objective(s) without exception

____ Does not meet objective(s)

In space to the right, describe what your organization is doing to meet the objective(s) and the expected date of completion.

Documentation to be Submitted with Application

1. Copy of lesson plan or addendum language.
2. Identify page number(s) where objective(s) can be found:

Objective A found on page(s) _____

Objective D found on page(s) _____

Objective B found on page(s) _____

Objective E found on page(s) _____

Objective C found on page(s) _____

Objective F found on page(s) _____

DOH Evaluator Comments

Date: